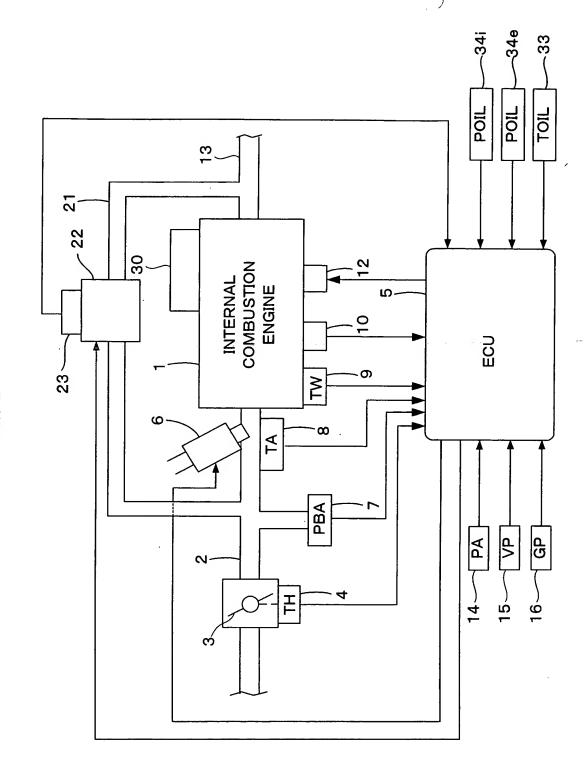
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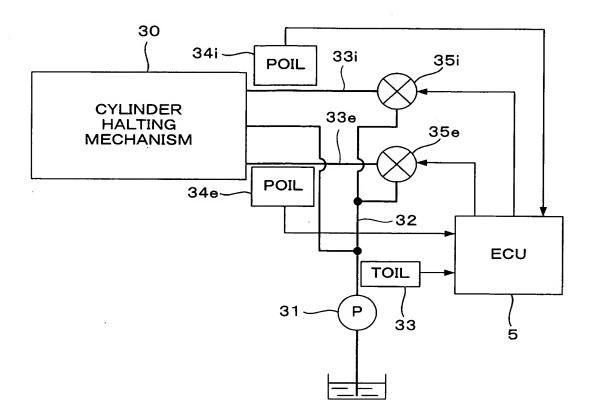
Docket No.: APW-024

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FIG. 2



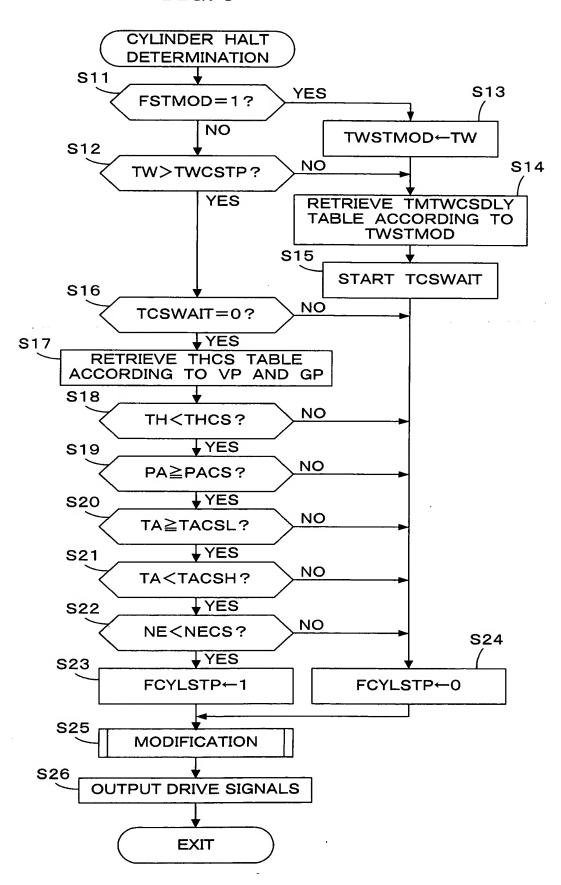
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FIG. 3



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FIG. 4

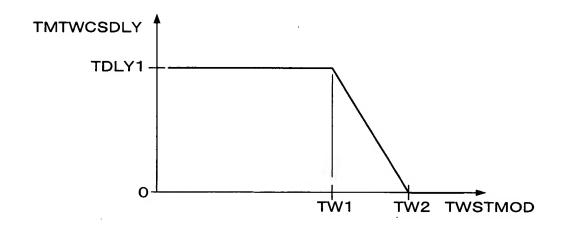
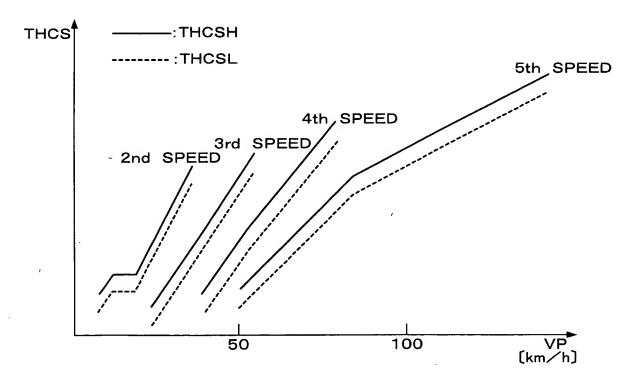


FIG. 5



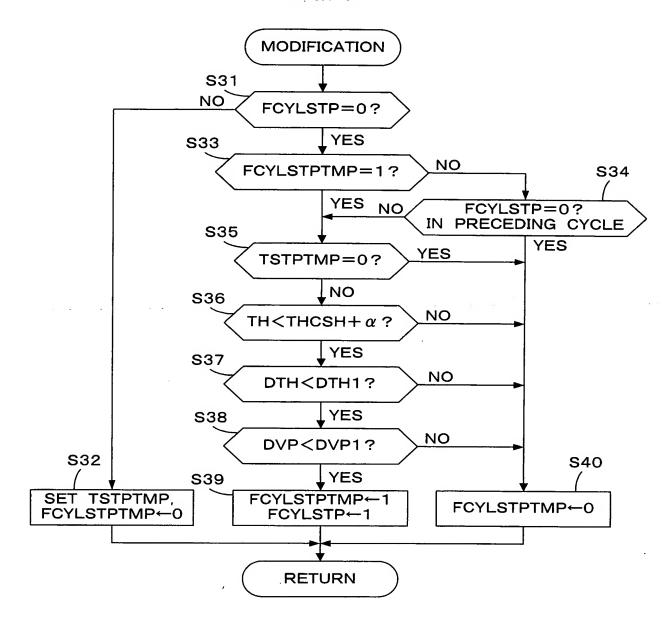
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FIG. 6

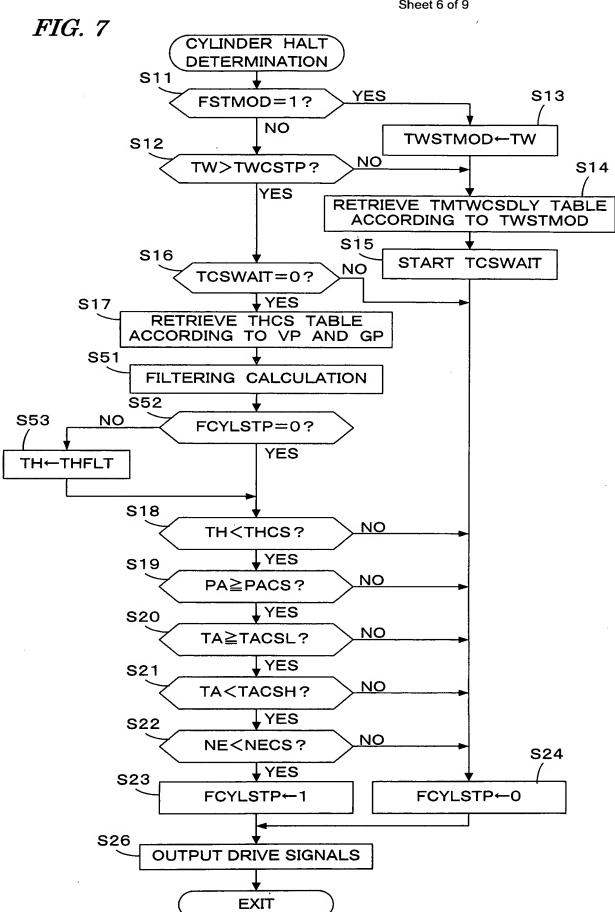


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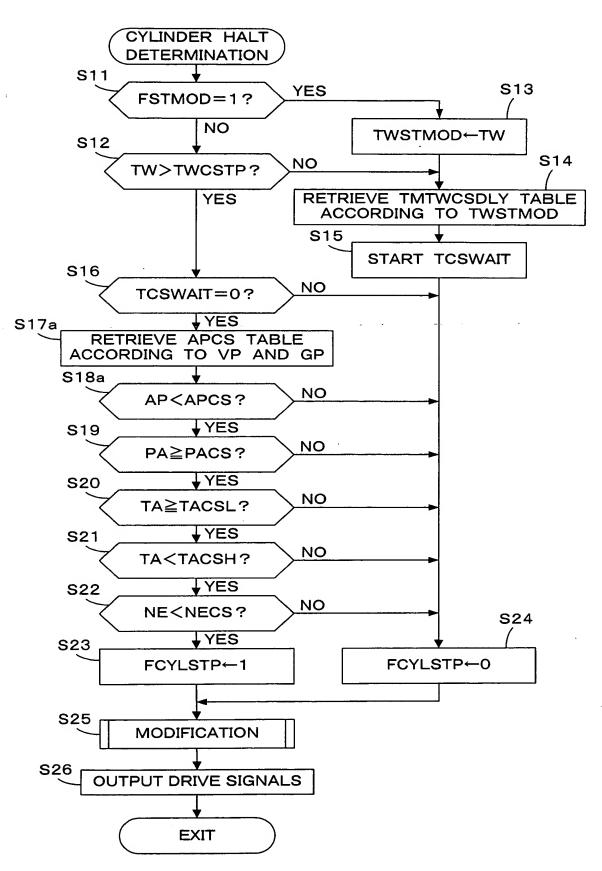
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FIG. 8



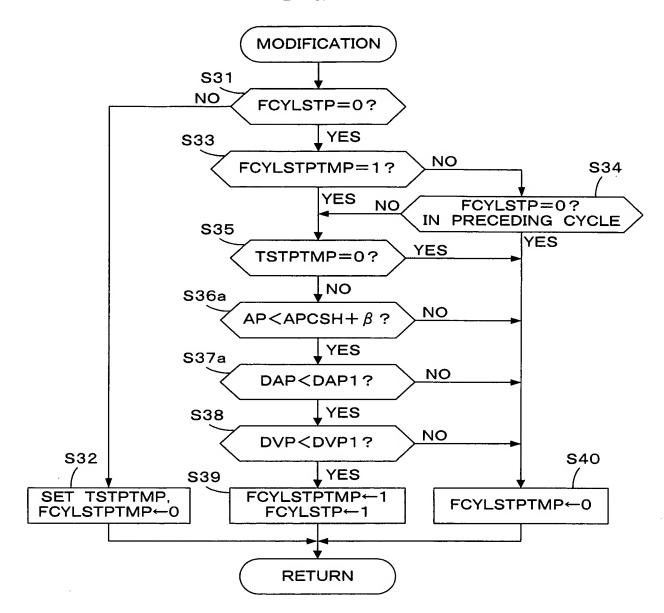
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FIG. 9



App No.: NEW APPLICATION Docket No.: APW-024 Inventor: Jiro TAKAGI et al. Title: CONTROL SYSTEM FOR INTERNAL COMBUSITON **ENGINE** Sheet 9 of 9 FIG. 10 CYLINDER HALT DETERMINATION S11 YES S13 FSTMOD=1? NO TWSTMOD←TW S12 NO TW>TWCSTP? **S14** YES RETRIEVE TMTWCSDLY TABLE ACCORDING TO TWSTMOD **S15 S16** START TCSWAIT NO TCSWAIT=0? **↓**YES S17a RETRIEVE APCS TABLE ACCORDING TO VP AND GP S51a FILTERING CALCULATION **S52** S53a NO FCYLSTP=0? YES **AP**←**APFLT** S18a NO AP<APCS? YES **S19** NO PA≧PACS? YES **S20** NO TA≧TACSL? YES S21 NO TA<TACSH? YES **S22** NO NE<NECS? **S24** YES S23 FCYLSTP←0 FCYLSTP←1 **S26 OUTPUT DRIVE SIGNALS EXIT**